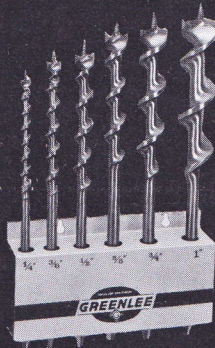


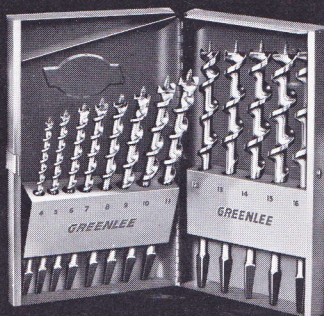


WOODWORKING TOOLS

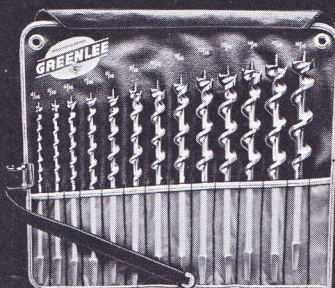
**QUICK REFERENCE FILE
FOR ELECTRICIANS,
CARPENTERS,
PIPE FITTERS**



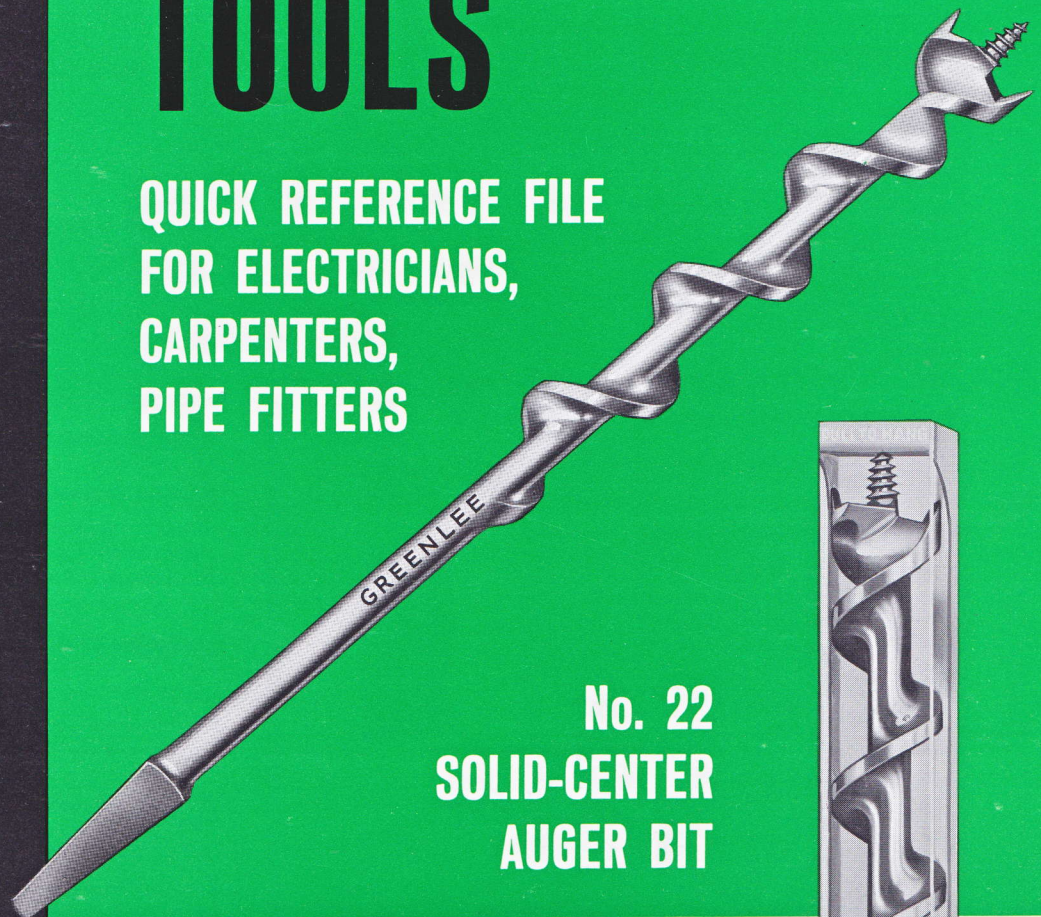
METAL RACK SET No. 22M-6...
Set of 6 solid-center bits (4/16"-16/16") in metal workbench rack.



METAL BOX SET No. 22M-5...
Set of 13 solid-center bits (4/16"-16/16") in sturdy metal box.

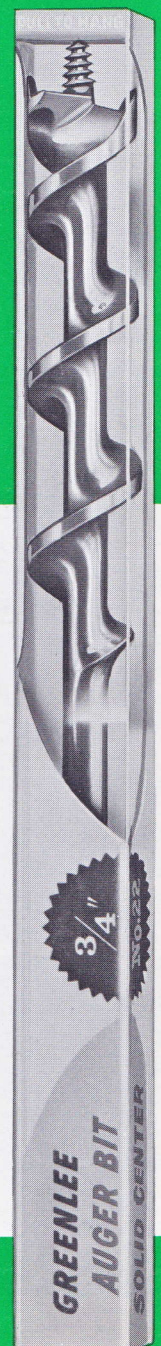


PLASTIC ROLL SETS... Solid-center bits in durable plastic rolls with transparent pockets and protective flannel flaps.
No. 22R-2 includes 6 bits (4/16"-16/16")
No. 22R-5 includes 13 bits (4/16"-16/16")



**No. 22
SOLID-CENTER
AUGER BIT**

Highest quality, solid-center auger bit for general woodworking requirements. Solid-center pattern adds stiffness, and single spiral easily, cleanly elevates chips. Finest hardened bit steel . . . precision-machined for smooth boring . . . fully polished and rust-protected. Sizes 1/4"-1" individually packed in GREENLEE Perma-Pak, shown at right. Also available in sizes 17/16"-24/16". Handy sets in metal racks, metal boxes, and plastic rolls as shown at left.



**GREENLEE TOOL CO.
ROCKFORD, ILLINOIS**

EXPANSIVE BITS



Nos. 3 and 4 Expansive Bits

Wide-open throat for easy chip clearance. No. 3 bores $\frac{1}{2}$ " to $1\frac{1}{2}$ ", No. 4, $\frac{7}{8}$ " to 3". Extra cutter available for No. 4 to bore $2\frac{1}{2}$ " to 4". Individually packed in GREENLEE Perma-Pak.



Nos. 5 and 6 Setfast Expansive Bits

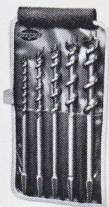
Quick-adjusting locking feature, cutter cannot creep. No. 5 bores $\frac{5}{8}$ " to $1\frac{3}{4}$ ", No. 6, $\frac{7}{8}$ " to 3". Extra cutter available for No. 6 to bore $2\frac{1}{2}$ " to 4". Individually packed in GREENLEE Perma-Pak.

AUGERS and CAR BITS



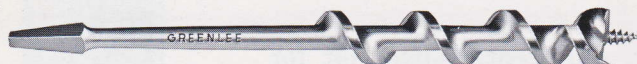
No. 20 Solid-Center Utility Bit

A quality bit priced for fast turnover. Genuine solid-center pattern, highest quality bit steel, hardened throughout. Suitable for most boring requirements. 13 sizes $\frac{1}{4}$ "-1". Also available in 5-piece set ($\frac{1}{4}$ "- $\frac{3}{4}$ " shown at right . . . in durable plastic roll with transparent pockets.



No. 42 Solid-Center Dowel Auger Bit

Short solid center bit for use in cabinet work. Has screw point, two outlining spurs. $2\frac{1}{4}$ " twist length, 5" over-all. 9 sizes $\frac{1}{16}$ "- $1\frac{1}{8}$ ".



No. 21 Solid-Center Electricians' Auger Bit

For electricians who desire a fast, smooth boring bit. Screw point, one outlining spur, $5\frac{1}{2}$ " twist, 10" over-all. 3 sizes $\frac{10}{16}$ ", $\frac{11}{16}$ ", $\frac{12}{16}$ ".



No. 53 Solid-Center Car Bit

Bores smoothly, cuts freely. Medium-coarse screw for general-purpose boring. 8" twist, 12" over-all. 13 sizes, $\frac{4}{16}$ "- $1\frac{1}{8}$ ".



No. 56 Solid-Center Car Bit

Excellent for general woodwork. Easily clears chips full length. Medium-coarse screw. 12" twist, 17" to 18" over-all. 14 sizes, $\frac{6}{16}$ "- $2\frac{1}{8}$ ".



No. 44 Short Unispur Auger Bit

Short double-twist bit for smooth, fast boring. Screw point, single-cutter head. Spur, $5\frac{1}{2}$ " over-all, 12 sizes $\frac{11}{16}$ "- $\frac{40}{16}$ ".



No. 16 Unispur Electricians' Auger Bit

For electricians who desire a fast, smooth boring bit. Screw point. Single-cutter head. $5\frac{1}{2}$ " twist length. $9\frac{1}{2}$ " over-all. 9 sizes $\frac{10}{16}$ "- $\frac{20}{16}$ ".



No. 64 Ship Auger Car Bit

For electricians, plumbers, pipe fitters, shipbuilders, construction workers. 12" twist. 17" to 18" over-all. 17 sizes, $\frac{4}{16}$ "- $2\frac{3}{16}$ ".



No. 57 Single-Spur Car Bit

For pole, bridge, dock, and other heavy construction. Medium-feed screw point. 12" twist sizes $\frac{9}{16}$ "- $1\frac{7}{16}$ ". 18" twist sizes $\frac{9}{16}$ "- $1\frac{7}{16}$ ". 24" twist sizes $\frac{9}{16}$ "- $1\frac{7}{16}$ ".



No. 66-J Ship Auger With Screw

Straight square shank and jappanned hollow. 12" and 15" twist according to sizes. Over-all length 5" longer than twist. 15 sizes, $\frac{9}{16}$ "- $3\frac{3}{16}$ ".



No. 88 Nut Auger

Double-twist pattern, medium-coarse screw. Threaded end with hex nut. 7 sizes, $1\frac{1}{4}$ "-3".



No. 97 Rafting Auger

Double-twist type with large, medium-pitch screw. 12" twist. Approximately 30" over-all. 10 sizes, $1\frac{1}{4}$ "-4".



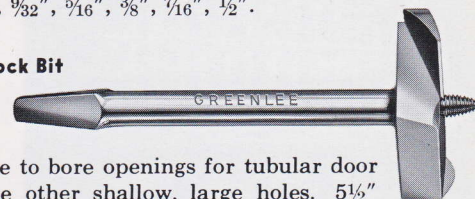
No. 48 Bellhanger's Drill

Used for telephone and other wiring installations. High-grade alloy steel heat treated over all. Twist length $3\frac{3}{4}$ ". Overall lengths 12", 18" and 24". 10 sizes $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $1\frac{1}{16}$ ", $\frac{3}{4}$ ".

No. 46 Wood-Boring Brace Drill

All purpose wood-boring drill with specially treated head. Fully polished. $2\frac{1}{4}$ " to $4\frac{1}{2}$ " twist. $5\frac{1}{2}$ " to 9" over-all. 8 sizes, $\frac{3}{16}$ ", $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{9}{32}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ".

No. 26 Door Lock Bit



Use in a brace to bore openings for tubular door locks or make other shallow, large holes. $5\frac{1}{2}$ " over-all. 5 sizes, $1\frac{5}{8}$ "- $2\frac{1}{8}$ ". Available singly, or all five as set No. 26-RO in plastic roll.



No. 701 Brace Countersink

For wood and soft metals. Will countersink up to $\frac{5}{8}$ ". $4\frac{1}{2}$ " over-all.



No. 723 Screw Driver Bit

For brace use to drive or remove larger size screws. Finest grade steel, heat-treated. $4\frac{1}{2}$ " to $5\frac{1}{2}$ " over-all. 4 sizes, $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ".



Nos. 900 and 925 Brace Bit Extensions

No. 900 — made to follow $\frac{5}{8}$ " bit and larger. Positive lock insures absolute grip on shank. 18" and 24" over-all lengths.

No. 925 — similar to No. 900, but made extra heavy to follow $\frac{13}{16}$ " bit and larger. 18" and 24" over-all lengths.



No. 902-1 Brace Adapter

Permits using GREENLEE Power Bits having $\frac{23}{64}$ " shank in any standard brace. Has two set-screws for positive coupling. $4\frac{1}{2}$ " over-all. $2\frac{1}{32}$ " head dia.

POWER BITS



No. 45 Short Unispur Power Bit

A fast, smooth, easy boring tool for use in electric drills. Shank has three milled flats. Shank size $\frac{23}{64}$ " and $\frac{1}{2}$ ". 3" twist. 6" over-all. 13 sizes, $\frac{10}{16}$ "- $\frac{40}{16}$ ".



No. 18 Unispur Electricians' Power Bit

A double-twist smooth boring power bit, for use in electric drills. Shank has 3 milled flats. Shank sizes, $\frac{23}{64}$ " and $\frac{1}{2}$ ". $5\frac{1}{2}$ " twist. $8\frac{1}{2}$ " over-all. 8 sizes $\frac{10}{16}$ "- $\frac{20}{16}$ ".



No. 29 Unispur Single Twist Electricians' Bits

Dual-purpose shank can be used in both electric drills and hand braces. Combination hex shank fits $\frac{3}{8}$ " or larger electric drills and square shank for hand braces. Fast screw point, unispur head design, ship auger twist with $5\frac{1}{2}$ " twist length, $9\frac{1}{4}$ " overall. Sizes $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", 1".



No. 56 PT Solid-Center Power Car Bit

For use in $\frac{3}{8}$ " and larger three-jaw chucks. Genuine solid-center construction. Medium-pitch screw. 12" twist. Approximately 16" over-all. 11 sizes, $\frac{6}{16}$ "- $\frac{16}{16}$ ".



No. 53 PT Solid-Center Power Car Bit

For use in $\frac{3}{8}$ " and larger three-jaw chucks. Solid-center construction. Medium-feed screw. 8" twist. 10" to $10\frac{1}{2}$ " over-all. 11 sizes, $\frac{6}{16}$ "- $\frac{16}{16}$ ".



No. 64 PT Ship Auger Power Bit

For use in $\frac{3}{8}$ " and larger electric drills to bore deep holes where extra reach is needed. Medium-feed screw. 12" twist. Approximately 17" over-all. 11 sizes, $\frac{6}{16}$ "- $\frac{16}{16}$ ".



No. 62 PT 8" Twist Ship Auger Power Bit

Bores in wood for loom, Romex, cable, conduit tubing, and pipe. Fast-feed screw. Nonslip hexagon shank for $\frac{1}{2}$ " and larger chucks, or $\frac{1}{2}$ " round socket. 8" twist. Approximately 18" over-all. 8 sizes, $\frac{9}{16}$ "- $\frac{16}{16}$ ".



No. 68 PT Power Ship Auger

Without screw for use in electric and pneumatic boring units. Nonslip hexagon shank for $\frac{1}{2}$ " chucks and $\frac{1}{2}$ " hole spindles with setscrews. 12" twist, 18" over-all. 15 sizes, $\frac{9}{16}$ "- $\frac{32}{16}$ ".

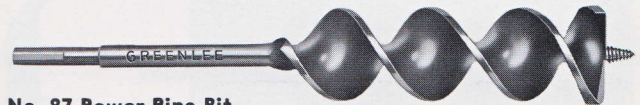
No. 66 PT Power Ship Auger

Same as 68 PT except it has a screw point.



No. 65 PT Single-Spur Power Ship Auger

Has an outlinig spur for smooth, deep-hole boring. Coarse screw point. Nonslip hexagon shank for $\frac{1}{2}$ " round socket. 12", 18", 24" twist. 9 sizes, $\frac{9}{16}$ "- $\frac{17}{16}$ ".



No. 87 Power Pipe Bit

For boring holes in wood for pipe, conduit, and tubing, two cutting edges, fast-feed screw. Nonslip hexagon shank for $\frac{1}{2}$ " and larger chucks, or $\frac{1}{2}$ " round socket. 7" to 8" twist. 14" to 17" over-all. Sizes: $\frac{11}{16}$ ", $\frac{1}{2}$ ", $\frac{13}{16}$ ", 2", $2\frac{1}{2}$ ".



No. 159 Impact Wrench Bit

For use in all impact wrenches with standard $\frac{7}{16}$ " or $\frac{5}{8}$ " hex adapters. Single twist bit has outlinig spur for smooth boring. Coarse screw point, 8", 12", 18" twist. $\frac{7}{16}$ " or $\frac{5}{8}$ " hexagon shank. 8 sizes, $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{13}{16}$ ", $\frac{15}{16}$ ", $\frac{17}{16}$ ".



No. 149P Multi-spur® Pipe Bit

Smooth-boring multi-spur bits designed especially for boring holes in wood for pipe and conduit. Over-all length approx. 6". Shank size $\frac{1}{2}$ ". 9 sizes, $\frac{7}{8}$ ", $1\frac{1}{8}$ ", $1\frac{3}{8}$ ", $1\frac{3}{4}$ ", 2", $2\frac{1}{2}$ ".

No. 1440 Pipe Bit Set

Consists of the above bits packed in sturdy metal carrying case. Also includes adapter for using an auger-bit brace and an adapter using a $\frac{3}{8}$ " piece of pipe as an extension.



No. 930 Carbide-Tipped Masonry Drills

Double-flute design spiral dust and chips up and out of the hole . . . keeps drill point clear for maximum penetration. Round shank $\frac{1}{4}$ ", $\frac{3}{8}$ " or $\frac{1}{2}$ " with 4" or 6" overall length, depending upon drill size. 12 sizes, $\frac{3}{16}$ "-1".



Nos. 902 and 904 Power Bit Extensions

Have three flats, 120° apart, for positive nonslip fit in three-jaw chuck. **No. 902** for bits with $\frac{3}{8}$ " shanks . . . **No. 904** for bits with $\frac{1}{2}$ " shanks or $\frac{7}{16}$ " hexagon shanks. 18" and 24" over-all lengths.

No. 901 Power Bit Extension

Has hexagon shank and socket for positive nonslip fit. Fits all electric drills $\frac{1}{4}$ " and larger. $\frac{1}{4}$ " shank. $\frac{1}{4}$ " socket. 12" over-all.

CHISELS and GOUGES

SOCKET CHISELS

Beveled edge, thin blade of high-carbon tool steel. Blade and socket on piece. Perfect balance.



No. 200 Socket Butt Chisel

Blade length $2\frac{3}{4}$ ", leather tip hickory handle, 9 sizes, $\frac{1}{4}$ "-2".



No. 207 Socket Butt Chisel

With tenite handle and metal cap.

No. 220 Short Socket Firmer Chisel

Blade length $4\frac{1}{2}$ ", leather tip hickory handle. 9 sizes, $\frac{1}{4}$ "-2".

No. 227 Short Socket Firmer Chisel

With tenite handle and metal cap.

No. 230 Socket Firmer Chisel

Blade length $6\frac{1}{4}$ ", leather tip hickory handle. 9 sizes, $\frac{1}{4}$ "-2".

No. 237 Socket Firmer Chisel

With tenite handle and metal cap.

TANG BUTT CHISELS



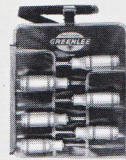
Correctly balanced with thin bevel-edged blade of high-carbon tool steel. Blade carefully tempered and polished. Tenite handle. Sizes through 1" individually packed in GREENLEE Perma-Pak. Blade length $2\frac{1}{4}$ " to $2\frac{3}{4}$ ". Over-all length $7\frac{5}{8}$ " to $8\frac{3}{4}$ ". 9 sizes, $\frac{1}{4}$ "-2".

No. 403 with plain handle.

No. 407 with metal cap.

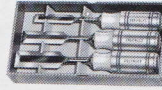
CHISEL SETS

GREENLEE Nos. 403, 407, 200, and 207 chisels are available in set packaging illustrated, in the following combinations:



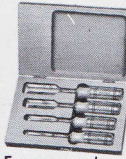
PLASTIC ROLL SETS:

Set 403R-6 6 No. 403 ($\frac{1}{4}$ "-1 $\frac{1}{2}$ ").
Set 407R-6 6 No. 407 ($\frac{1}{4}$ "-1 $\frac{1}{2}$ ").
Set 200R-6 6 No. 200 ($\frac{1}{4}$ "-1 $\frac{1}{2}$ ").
Set 207R-6 6 No. 207 ($\frac{1}{4}$ "-1 $\frac{1}{2}$ ").



METAL-EDGE BOXES:

Set 403C-1 3 No. 403 ($\frac{1}{2}$ "-1").
Set 407C-1 3 No. 407 ($\frac{1}{2}$ "-1").
Set 200C-1 3 No. 200 ($\frac{1}{4}$ "-1").
Set 207C-2 3 No. 207 ($\frac{1}{4}$ "-1").



FANCY WOOD CASES:

Set 403H-4 4 No. 403 ($\frac{1}{4}$ "-1").
Set 407H-4 4 No. 407 ($\frac{1}{4}$ "-1").
Set 200H-4 4 No. 200 ($\frac{1}{4}$ "-1").
Set 207H-4 4 No. 207 ($\frac{1}{4}$ "-1").



No. 437 Utility Chisel

Special-purpose chisel for cutting daps in telephone or utility poles. Steel-capped, tough plastic handle cannot come loose. 5" blade length, 12" over-all, 2" blade width.



Nos. 390 and 393 Glaziers' Chisels

Made with $\frac{5}{8}$ " cutting bevel for removing putty, cleaning out sash. Heavy edge used to drive glazing points. **No. 390** made of one solid piece. **No. 393** has steel-capped plastic handle. $2\frac{3}{4}$ " blade length, 8" over-all, 2" blade width.



No. 261 Socket Framing Chisel

Sturdily built bevel-edged blade with extra-heavy cross section of solid steel. Long hickory handle with steel ring. 8" blade length. 16" to 17 $\frac{1}{2}$ " over-all. 7 sizes, $\frac{1}{4}$ "-2".

No. 265 Socket Framing Chisel

Same as No. 261, but with plain instead of bevel-edged blade.



No. 290 Socket Slick

Toughened for heavy timber construction. Oval-back blade forged from solid high-carbon tool steel. Sturdy maple handle. 10" blade length. 30" over-all. 3" blade width.



SOCKET FIRMER GOUGES

For all types of woodworking. $6\frac{1}{4}$ " blade length. 13" to 14 $\frac{1}{2}$ " over-all. 7 sizes, $\frac{1}{4}$ "-2".

No. 330 Outside bevel, leather-tipped hickory handle.

No. 331 Outside bevel, plain wood handle.

No. 336 Inside bevel, leather-tipped hickory handle.

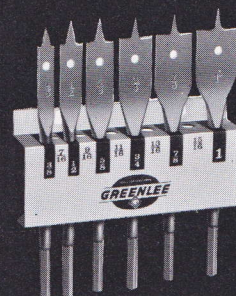
No. 335 Inside bevel, plain wood handle.



No.33 **ZIP BIT**

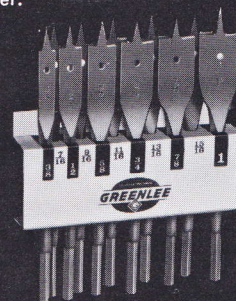


Wood-boring power bit for use in $\frac{1}{4}$ " and larger 3-jaw power chucks. Bores in any wood, any angle, any speed. Exclusive non-slip hex shank chucks quickly, accurately. 13 sizes ($\frac{1}{4}$ "-1") in individual packaging shown at left. Also in sets shown at right.



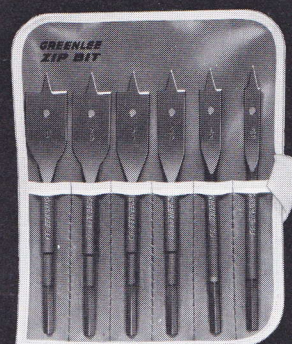
No. 33M-6 ZIP BIT SET

6 ZIP BITS ($\frac{3}{8}$ "-1") in metal workbench rack. Packed in colorful display carton with clear acetate cover.



No. 33M-11 ZIP BIT SET

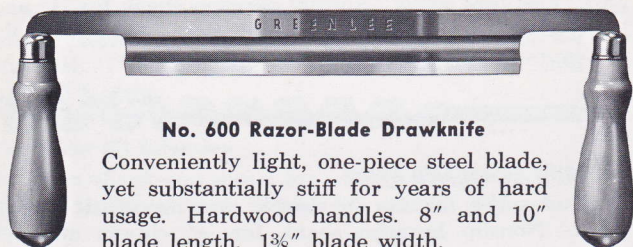
11 ZIP BITS ($\frac{3}{8}$ "-1") in metal workbench rack. Packed in colorful display carton with clear acetate cover.



No. 33R-6 ZIP BIT SET

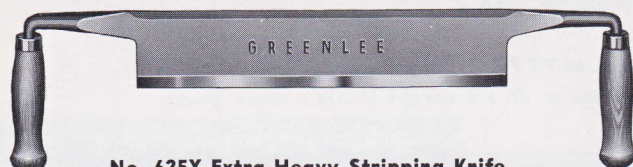
6 ZIP BITS ($\frac{3}{8}$ "-1") in plastic roll with individual transparent pockets.

DRAWKNIVES



No. 600 Razor-Blade Drawknife

Conveniently light, one-piece steel blade, yet substantially stiff for years of hard usage. Hardwood handles. 8" and 10" blade length. 1 $\frac{3}{8}$ " blade width.



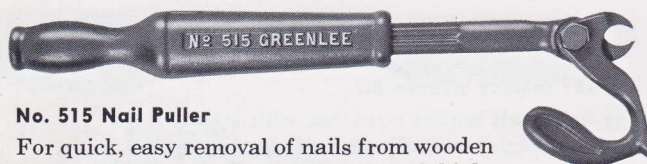
No. 625X Extra-Heavy Stripping Knife

Built for severe work. Solid steel blade. Large hardwood handles. Ideal for peeling bark from poles and trees. 14" blade length. 2 $\frac{1}{2}$ " blade width.



No. 635 Folding-Handle Drawknife

Lightweight razor-blade pattern. Mahogany-stained handles fold over blade, lock with wing nuts. 10" blade length. 1 $\frac{3}{8}$ " blade width.



No. 515 Nail Puller

For quick, easy removal of nails from wooden boxes and crates. Impact handle of high-grade cast iron with steel for added strength. All other parts high-grade carbon steel. Finished in attractive green enamel. Length closed 18". Maximum claw opening for 16-penny nail.



Nos. 95 and 95-M Soil Fertilizing Augers

Excellent for boring in soil to feed trees, test subsoil, and for planting flower bulbs. Black japanned finish.

No. 95 with wood handle for hand use, 6" twist. 40" over-all.

No. 95-M for use with electric or pneumatic drill. Shank dia. $\frac{7}{16}$ " hex. 18" twist, 30" over-all.



No. 483 Automatic Push Drill

All working parts completely enclosed. Handle serves as magazine for eight drill points. Has transparent green plastic handle.

TURNING TOOLS

Perfectly balanced turning tools with 6" blades and 10" handles for wood lathe turning by home craftsmen. Blades of finest high-carbon steel, heat-treated and finished entire length. Polished maple handles. Size ranges: Regular Skew Chisel, $\frac{1}{4}$ "-1 $\frac{1}{2}$ " . . . Square Nose Chisel, $\frac{1}{4}$ "-1" . . . Spear Point Chisel, $\frac{1}{4}$ ", $\frac{1}{2}$ " . . . Round Nose Chisel, $\frac{1}{4}$ "-1" . . . Turning Gouge, $\frac{1}{4}$ "-1 $\frac{1}{2}$ " . . . Parting Tool, $\frac{1}{2}$ ".



No. 476 Turning Chisel



No. 596 Parting Tool



No. 576 Turning Gouge

Turning Tool Matched Sets

Matched sets of six and eight turning tools in gift boxes:

Set No. 470-8 . . .

One each of the following:

$\frac{1}{4}$ " Skew Chisel, $\frac{1}{4}$ " Gouge, $\frac{1}{2}$ " Round Nose Chisel, $\frac{1}{2}$ " Skew Chisel, $\frac{1}{2}$ " Gouge, $\frac{3}{4}$ " Skew Chisel, $\frac{3}{4}$ " Gouge, $\frac{1}{2}$ " Parting Tool.

Set No. 470-6 . . .

One each of the following:

$\frac{1}{4}$ " Skew Chisel, $\frac{1}{4}$ " Gouge, $\frac{1}{2}$ " Round Nose Chisel, $\frac{1}{2}$ " Skew Chisel, $\frac{1}{2}$ " Gouge, $\frac{1}{2}$ " Parting Tool.

